

Peak District National Park

Forecast valid from 06:00 on Saturday 24 Jul 2021 until 23:59 on Sunday 25 Jul 2021

Forecast Issued on Saturday 24 Jul 2021 at 04:24

Confidence: High for becoming more changeable over the weekend, with showers or longer spells of rain. Medium for timing of low cloud clearance on Saturday morning.

Headline for Saturday 24 Jul 2021: Dry and often cloudy, but with some bright or sunny spells.

Mountain weather hazards on Saturday 24 Jul 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Cloudy	Sunny intervals	Cloudy	Partly cloudy (night)
Precipitation probability					
20%	10%	80%	00%	<05%	00%

Forecast for Saturday 24 Jul 2021

Weather: Any early low cloud, most likely across eastern areas, will burn back towards the coast this morning. Large amounts of higher cloud will remain, but still there will be some bright or sunny spells, although the sunshine will be often hazy. Later this evening patchy low cloud may reform across eastern areas.

Chance of cloud free mountain/hill tops above 600m: 80% in the west, but 40% in the east initially, before becoming greater than 95% throughout by midday. Reducing to 80% in the east from late evening.

Visibility: Mediocre in cloud between 400-600m but improving this morning, with cloud base slowly rising and breaking. Slightly hazy beneath the cloud base, but generally good visibilities. Distant hills becoming more easily visible this afternoon. Patches of cloud likely lowering to around 600-700m from late evening.

Forecast for Saturday 24 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/29 E	22/28 E	17/23 E	17/24 E	14/19 E	13/20 E	13/19 NE
300	12/17 E	13/18 E	13/20 E	13/21 E	12/19 E	10/18 E	8/16 NE
Valley	8/18 E	11/20 E	12/21 E	13/23 E	11/19 E	9/18 E	7/17 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	11/7	13/10	15/12	14/11	12/9	11/8
300	13/10	14/11	16/14	18/15	17/15	14/13	13/12
Valley	14/12	16/14	18/16	19/16	18/16	15/14	14/13
Freezing Level*	2600m	2600m	2700m	2700m	2800m	2800m	2600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Sun protection and water supplies highly recommended as the sun will be strong despite the hazy conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 24 Jul 2021	0mm	0mm	0mm

Forecast for Sunday 25 Jul 2021

Weather: Rather cloudy but dry overnight. Sunny spells and a few isolated showers developing by day.

Maximum wind: North-easterly 10-12 mph gusts 20 mph

Chance of cloud free mountain/hill tops above 600m: 90% in the west, but 30-40% in the east initially but improving rapidly to 95% or more.

Visibility: Mediocre in any patchy low cloud before dawn, with bases around 300-500 m but becoming excellent all around, with good panoramic views.

Temperature: **Valleys:** Plus 14 becoming Plus 25 Celsius.
At 600m: Plus 10 becoming Plus 18 Celsius.
Freezing level: Above summits.